



flat panel solutions

Wall Mount for LCD, Plasma, and
LED Displays

Installation Manual

MAF85BKR

Fits TVs 37"- 60"

Maximum Load

Capacity – 165 lb (75 kg)

Thank you for choosing the RCA MAF85BKR Universal Flat Panel TV Wall Mount. This mount can be used for all major brands of 37" - 60" flat panel TVs, 165 lbs (75 kg) or under. This wall mount features a 0-15-degree tilt for easy viewing. Before attempting to mount your television set, please remove all parts from this package and read the installation instructions carefully.

WARNING: Use of this mount with a TV weighing over 165 lbs. or with a screen larger than 60" could cause the mount to fail causing property damage and/or personal injury.

CAUTION:

This wall mount is intended for use only with the maximum weight of 75 kg/165 lbs. Use with heavier than the maximum weights indicated may result in instability causing possible injury. Follow the installation and operation instructions carefully.

Safety precautions

Follow these precautions to ensure safe installation and mounting of your flat panel TV.

1. Read these instructions carefully before you begin. If you are unsure of any part of the process, contact a professional contractor or installer for assistance. Improper installation can result in injury or damage.
2. The wall or mounting surface must be capable of supporting the combined weight of the mount and the display; if not, the structure must be reinforced.
3. Safety gear and proper tools must be used. Failure to do so can result in injury and/or damage. A minimum of two people are required for installation. Do not attempt to install this mount alone under any circumstances.
4. Follow all instructions and recommendations regarding adequate ventilation and suitable locations for mounting your display. Consult the owner's manual for your particular display for more information.
5. For drywall installation, it is essential for the wall mount plate to be attached to wall studs. (Use a stud finder.)
6. Use the included hardware for mounting purposes. This hardware has been provided to ensure a safe and secure mount.
7. Hire a licensed electrician to relocate an electrical outlet, if needed.
8. Be sure to purchase wires long enough to connect the TV to the audio and video components in your installation.

Keep your sales receipt to obtain warranty parts and service and for proof of purchase. Attach it here and record the model number. This number is located on the product.

Model No. _____

Purchase Date _____

Dealer/Address/Phone _____

Preparing to install

Before beginning the installation process, verify that you have all the necessary tools on hand. The following tools are required for proper installation:

Tools

- Phillips Head Screwdriver
- Ratchet or Driver with 13 mm (1/2") Socket
- Electric or Portable Drill
- 3/16" (4.8mm) Drill Bit and Stud Finder for Drywall Installation
- 3/8" (10mm) Masonry Bit for Concrete Installation

Package Contents

- Wall Plate (x1)
- Mount Arm (x2)
- Tilt Adjustment Rod (x1)
- Safety Bar (x1)
- Instruction Manual (x1)
- Hardware Kit (x1)

Pour des instructions en français, se reporter à la page 6.

Para obtener instrucciones en español, consulte la página 11.

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Hardware Kit

(A) M8 x 63 Lag Bolt (x6)



(B) Lag Bolt Washer (x6)



(C) Concrete Anchor (x6)



(D) M6 x 12 Bolt (x4)



(E) M6 x 30 Bolt (x4)



(F) M8 x 12 Bolt (x4)



(G) M8 x 30 Bolt (x4)



(H) M6 Washer (x4)



(I) Spacer (x8)



(J) 3/16" Drill bit



Mounting the wall plate

Drywall Installation

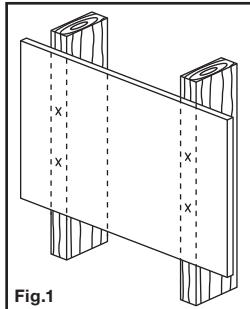
Important! For safety reasons, this mount must be secured to at least two wood studs no less than 16" apart. For displays heavier than 50 kg (110 lbs), three studs are recommended. The studs must be capable of supporting the combined weight of the mount and display.

1. Use a high quality stud finder to locate two or more adjacent studs where you wish to install your mount. Mark both edges of each stud to help identify the exact center.

NOTE: You must use the center of each stud to avoid cracking or splitting the wood during installation.

2. Place the wall plate against the wall and level it using the integrated bubble level.

3. While another person holds the wall plate in position, mark four or six locations (two per stud) for securing the mount to the wall (see Fig.1).



4. Set the wall plate aside and drill a 3/16" pilot hole at each marked location.

5. Place the wall plate back against the wall and attach it using the lag bolts (A) and lag bolt washers (B) (see Fig. 2). **Do not over-tighten these bolts and do not release the wall plate until all bolts are in place.** Ensure that the wall plate remains level after all bolts are secured.

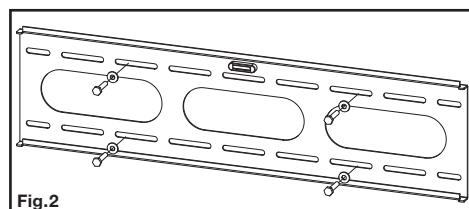


Fig.2

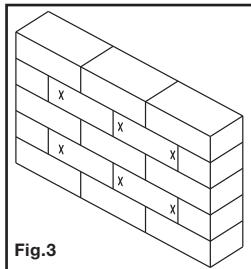
Concrete/Brick Installation

IMPORTANT! For safety reasons, the concrete wall must be capable of supporting the combined weight of the mount and the display. The manufacturer takes no responsibility for failure caused by walls of insufficient strength.

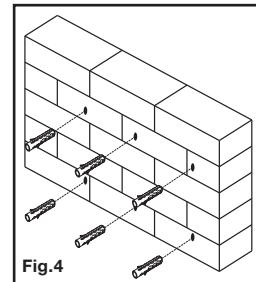
1. Place the wall plate against the wall in the desired location and level it using the integrated bubble level.

2. While another person holds the wall plate in place, mark six evenly spaced locations on the wall for securing the mount (see Fig. 3).

3. Set the wall plate aside and drill a 10 mm (3/8") hole at each marked location. Remove any excess dust from the holes.



4. Insert a Concrete Anchor (C) into each hole so that it is flush with the concrete surface (see Fig. 4). A hammer can be used to lightly tap the anchors into place if necessary.



5. Place the wall plate back against the wall and attach it using the lag bolts (A) and lag bolt washers (B) (see Fig. 2). Do not over-tighten these bolts and do not release the wall plate until all bolts are in place. Ensure that the wall plate remains level after all bolts are secured.

Attaching the Arms to the TV

IMPORTANT! Use extra care during this part of the installation. If possible, avoid placing your display facedown as it may damage the viewing surface.

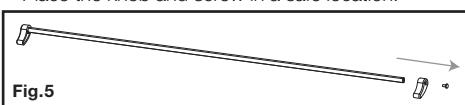
NOTE: This mount comes with a selection of different screw diameters and lengths to accommodate a wide variety of display models. Not all of the hardware in the kit will be used.

1. Determine the correct **length** of screw to use by examining the back of your display:

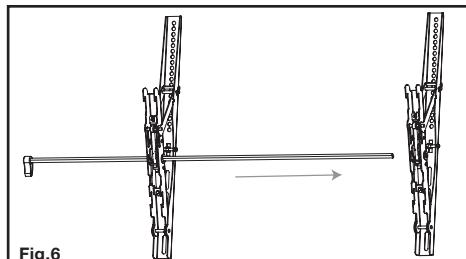
- A. If the back of your display is flat and the mounting holes are flush with the surface, you will use the shorter screws (D or F) from the hardware kit.
- B. If the back of your display is curved, has a protrusion, or if the mounting holes are recessed, you will need to use the longer screws (E or G) and spacers (I).

2. Determine the correct **diameter** of screw to use by carefully trying one of each size (M6 and M8) from the hardware kit. **Do not force any of the screws – if you feel resistance stop immediately and try a smaller diameter screw.**

3. Find the tilt adjustment rod and remove one the tilt adjustment knobs using a screwdriver (see Fig.5). Place the knob and screw in a safe location.



4. Pass the tilt adjustment rod through both arms as shown in Fig.6. Make sure the long part of the tilt adjustment knob faces downwards, exactly as shown. Replace the missing tilt adjustment knob using a screwdriver. The final assembly should match Fig.7.



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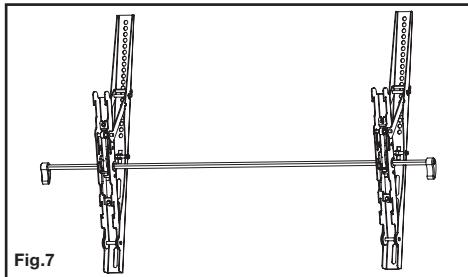


Fig.7

5. Remove the clips located towards the top of each arm and take out the pins (see Fig.8). Then push down and hold both tilt adjustment rod knobs simultaneously. Lift both sides of the rod together and open both arms completely as shown in Fig.9.

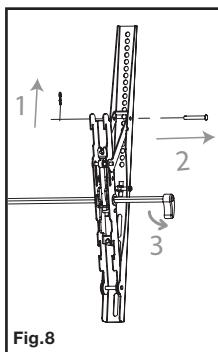


Fig.8

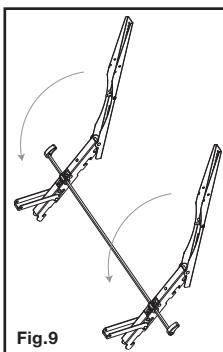


Fig.9

6. Place the opened arms over the back of your display. Adjust the arms along the length of the tilt adjustment rod so that they line up with the mounting holes on back of your display. The hinges on the arms should be located towards the bottom of the display (see Fig.10).

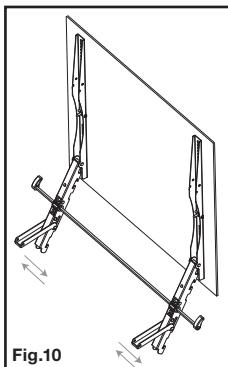


Fig.10

7. Attach the mount arms to the back of your display using the screws identified in Steps 1 and 2 (see Fig.11):

- A. If you are using the M6 screws you will also need to use the M6 washers (H). M8 screws do not require washers.
- B. If you are using the longer screws on a display with a curved or recessed back, you will also need to use the spacers (I). Use one spacer or two spacers stacked as needed. **You should only use a spacer if necessary.**

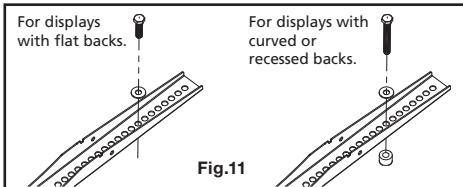


Fig.11

8. Close the mount arms by returning them to the original position. Insert the pin and replace the clip on both arms (see Fig.12). Make sure the tilt adjustment rod is turned to the locked position by rotating the knobs away from the display. **The mount arms must be fully closed and locked before moving on to the next part.**

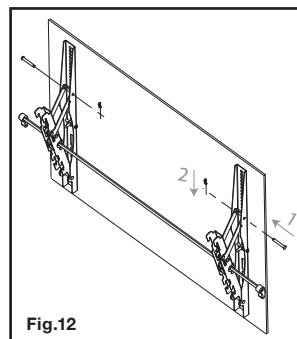


Fig.12

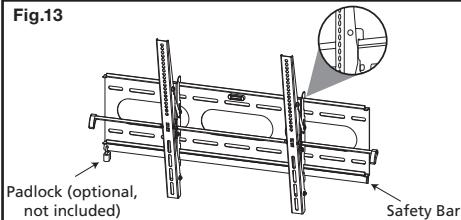
Final Installation

1. With the help of another person, carefully lift your display and place it on the wall plate. Do not release the display until the mount arms have securely hooked onto the wall plate.

2. Insert the safety bar at the bottom of the mount to prevent the display from being lifted from the wall plate. A padlock can be inserted into the end of the bar to help prevent theft of your display (see Fig.13).

IMPORTANT! The safety bar must be used at all times to prevent the display from being accidentally knocked from the mount.

Fig.13



Operation and Adjustment

To change the tilt angle of your display: Hold the display firmly with one hand and rotate one of the tilt adjustment knobs towards the display to unlock the tilt. Carefully move the display to the desired position and return the knob to its original position to lock it in place. **Do not release the display until the tilt is locked in place.**

Periodically clean your mount with a dry cloth. Inspect all screws and hardware at regular intervals to ensure that no connections have become loose over time. Re-tighten as necessary.

Specifications

Display Size:	37" to 60"
Maximum Load:	75 kg (165 lbs)
Universal VESA Mounting Pattern:	800 mm x 500 mm (31.5" x 19.7") max
Tilt Range:	15° down
Profile:	4.5 cm (1.8")

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To obtain repair or replacement within the terms of this Warranty, the product is to be delivered with proof of warranty coverage (e.g. dated bill of sale), specification of defect(s), transportation prepaid, to the Company at the address shown below. Do not return this product to the Retailer.

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THE EXTENT OF THE COMPANY'S LIABILITY UNDER THIS WARRANTY IS LIMITED TO THE REPAIR OR REPLACEMENT PROVIDED ABOVE

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